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Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

Farmington Field Office
Bureau of Land Management

5. Lease Serial No. NMSE078359
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit of CA/Agreement, Name and/or No. NMNM-132829
2. Name of Operator Enduring Resources IV LLC	8. Well Name and No. NE CHACO COM #268H
3a. Address 200 Energy Court Farmington NM 87401	9. API Well No. 30-039-31281
3b. Phone No. (include area code) 505-636-9743	10. Field and Pool or Exploratory Area CHACO UNIT NE HZ OIL
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL: 1474' FSL & 209' FWL SEC 8 23N 6W BHL: 1499' FSL & 231' FEL SEC 8 23N 6W	11. Country or Parish, State RIO ARRIBA, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other <u>Re-</u> <u>install GLV</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

NMOCD

JAN 31 2019

DISTRICT III

ACCEPTED FOR RECORD

JAN 23 2019

FARMINGTON FIELD OFFICE

12/6/18- MIRU

12/7/18- TOH & Clean out

12/8/18-12/9/18- SDFW

12/10/18- Landed tubing @ 6157'. 178 Jnts of 2 7/8" 6.5# & 2-3/8" 4.7# L80. Packer set @ 5833', 5 Gas Lift Valves
RDMO

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Lacey Granillo	Title Permit Specialist
Signature	Date 12/19/18

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCDV

NE CHACO COM 268H

API # 30-039-31281



Location

SHL: 1474' FSL 209' FWL Sec: 8 Twnshp: 23N Rge: 6W
 BHL: 1499' FSL 231' FEL Sec: 8 Twnshp: 23N Rge: 6W

Spud Date: 9/11/2014
 Completion: 2/14/2015
 Reinstall GLV: 12/10/2018

Lat: 36.236255
 Long: -107.500689

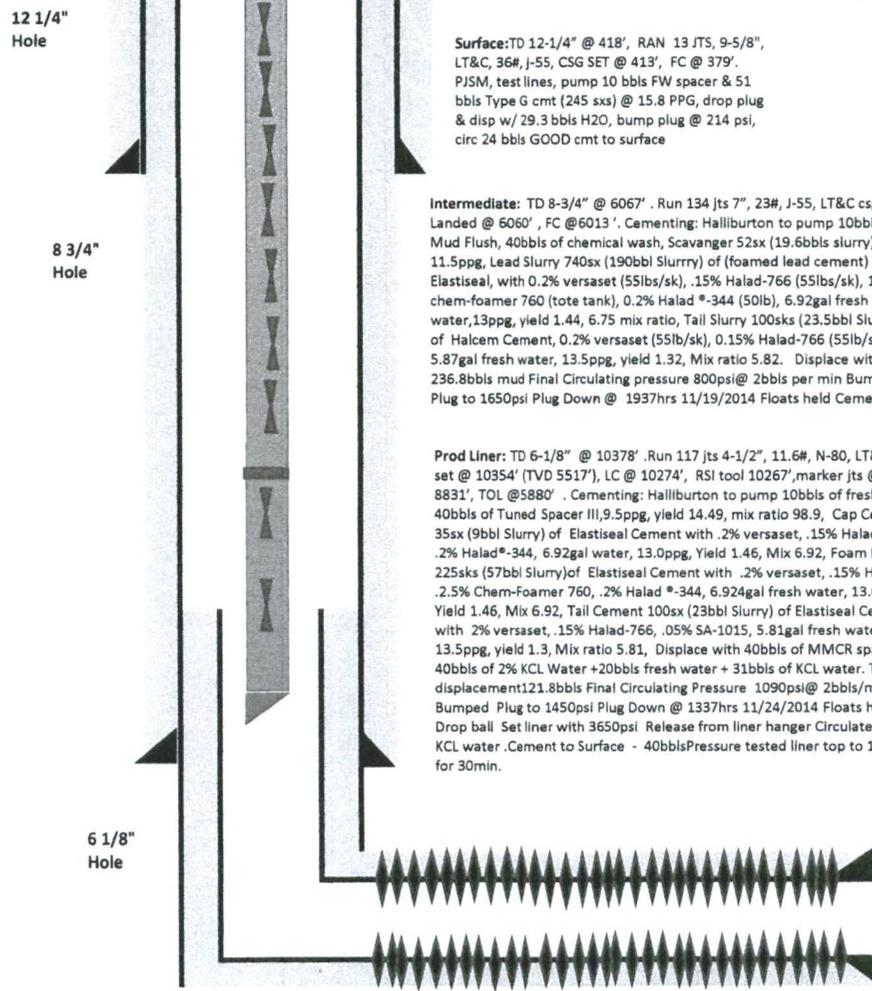
wellbore update: 2/17/15 LG

Tops	MD	TVD
Ojo Alamo	1345	1337
Kirtland	1663	1647
Picture Cliffs	1959	1936
Lewis	2074	2049
Chacra	2406	2376
Cliff House	3487	3440
Menefee	3541	3493
Point Lookout	4262	4202
Mancos	4485	4420
Gallup	4904	4830

Tubing :Landed tubing @ 6157'. 178 Jnts of 2 7/8" 6.5# & 2-3/8" 4.7# L80. Packer set @ 5833', 5 Gas Lift Valves

Perf'd w/ 6211'-10207' / , 14 stages

TD @ 10378'
 PBTD @ 10274'.



Surface: TD 12-1/4" @ 418', RAN 13 JTS, 9-5/8", LT&C, 36#, J-55, CSG SET @ 413', FC @ 379'.
 PJSM, test lines, pump 10 bbls FW spacer & 51 bbls Type G cmt (245 sxs) @ 15.8 PPG, drop plug & disp w/ 29.3 bbls H2O, bump plug @ 214 psi, circ 24 bbls GOOD cmt to surface

Intermediate: TD 8-3/4" @ 6067' . Run 134 Jts 7", 23#, J-55, LT&C csg. Landed @ 6060', FC @ 6013' . Cementing: Halliburton to pump 10bbls of Mud Flush, 40bbls of chemical wash, Scavenger 52sx (19.6bbls slurry). 11.5ppg, Lead Slurry 740sx (190bbl Slurry) of (foamed lead cement) Elastiseal, with 0.2% versaset (55lbs/sk), .15% Halad-766 (55lbs/sk), 1.5% chem-foamer 760 (tote tank), 0.2% Halad *-344 (50lb), 6.92gal fresh water, 13ppg, yield 1.44, 6.75 mix ratio, Tail Slurry 100sks (23.5bbl Slurry) of Halcem Cement, 0.2% versaset (55lb/sk), 0.15% Halad-766 (55lb/sk), 5.87gal fresh water, 13.5ppg, yield 1.32, Mix ratio 5.82. Displace with 236.8bbls mud Final Circulating pressure 800psi@ 2bbls per min Bump Plug to 1650psi Plug Down @ 1937hrs 11/19/2014 Floats held Cement to

Prod Liner: TD 6-1/8" @ 10378' . Run 117 Jts 4-1/2", 11.6#, N-80, LT&C. CSG set @ 10354' (TVD 5517'), LC @ 10274', RSI tool 10267', marker jts @ 7283' & 8831', TOL @ 5880' . Cementing: Halliburton to pump 10bbls of fresh water, 40bbls of Tuned Spacer III, 9.5ppg, yield 14.49, mix ratio 98.9, Cap Cement 35sx (9bbl Slurry) of Elastiseal Cement with .2% versaset, .15% Halad-766 .2% Halad*-344, 6.92gal water, 13.0ppg, Yield 1.46, Mix 6.92, Foam Lead 225sks (57bbl Slurry) of Elastiseal Cement with .2% versaset, .15% Halad-766 .25% Chem-Foamer 760, .2% Halad *-344, 6.924gal fresh water, 13.0ppg, Yield 1.46, Mix 6.92, Tail Cement 100sx (23bbl Slurry) of Elastiseal Cement with 2% versaset, .15% Halad-766, .05% SA-1015, 5.81gal fresh water, 13.5ppg, yield 1.3, Mix ratio 5.81, Displace with 40bbls of MMCR spacer + 40bbls of 2% KCL Water + 20bbls fresh water + 31bbls of KCL water. Total displacement 121.8bbls Final Circulating Pressure 1090psi@ 2bbls/min Bumped Plug to 1450psi Plug Down @ 1337hrs 11/24/2014 Floats held. Drop ball Set liner with 3650psi Release from liner hanger Circulate with 2% KCL water .Cement to Surface - 40bbls Pressure tested liner top to 1500psi for 30min.